ELECTRICAL SECRETARIAT.

Reviews the Administration Report of the Electrical Department for the year 1928-29.

READ—

The Administration Report of the Electrical Department for the year 1928-29, received with letter No. 46135, dated 24th October 1929, from the Chief Electrical Engineer in Mysore.

ORDER NO. E. D. S. 1159-67, DATED 6TH JUNE 1930.

Recorded.

2. *Estimates of Revenue and Expenditure.*—The budget estimates for the year 1928-29 provided for a gross expenditure of Rs. 38·25 lakhs including Rs. 20 lakhs under capital Rs. 4·14 lakhs for works charged to depreciation fund and Rs. 14·11 lakhs under working expenses of the department including maintenance of telephones. The final grant under capital account under the revised estimate of the year was Rs. 21·04 lakhs while the net outlay incurred under that head was Rs. 16·95 lakhs, resulting in a lapse of Rs. 4·09 lakhs due mainly to the non-receipt of materials required for the various electrification works or to the non-completion of building and other works in progress during the year. The final grant under depreciation fund works and working charges of the department were Rs. 4·17 lakhs and 14·86 lakhs the actual outlay under these heads being Rs. 3·07 lakhs and 14·99 lakhs respectively. The lapse of Rs. 1·10 lakhs under the former head has not been explained in the report.

The gross estimated revenue for the year was Rs. 44·39 lakhs while that actually realised was Rs. 43·45 lakhs as against Rs. 41·29 lakhs in 1927-28 and Rs. 41·24 lakhs in 1926-27.

3. *Demand, Collection and Balance.*—The gross demand for the year was Rs. 46,08,193 including the previous arrears amounting to Rs. 2,09,618 and the recoveries amounted to Rs. 43,44,651 as against Rs. 41,29,063 during the previous year showing an increase in the receipts to the extent of Rs. 2,15,588. The increase is due mainly to the supply of power to the Metur Dam Works and the Hulikere Tunnel Works and also to the extension of power supply to rural towns as well as to the normal growth of installations in Bangalore and Mysore. The arrears outstanding at the end of the year amounted to Rs. 2,63,542 of which a sum of Rs. 2,00,037 was realised in July 1929. Most of the remaining balance of Rs. 63,505 is said to be due from Government Departments and it is reported that action is being taken for its adjustment. The department should see that the dues are recovered as they become payable.

4. *Revenue Returns.*—The net revenue during the year after setting apart a contribution of Rs. 4,17,570 to the depreciation fund was Rs. 28,60,701 as against Rs. 27,82,514 giving a net return of 11·65 per cent on the total capital of Rs. 2,45,46,124 as against 12·15 per cent during 1927-28. The slight decrease is reported to be due to increased charges on account of operation and maintenance. Government would like to be furnished in future reports with information as to the return on the outlay incurred on the electrification of moffusil towns and the supply of power for pump irrigation.

5. *Working Expenditure.*—The actual working expenditure of the Department exclusive of contribution to the depreciation fund and provident fund was Rs. 9,96,457, which works out at 22·65 per cent of the gross demand for the year exclusive of arrears brought forward from the previous year. The percentage of working expenses compares favourably with the percentage of similar expenses in some of the important electrical concerns of the world.

6. *Capital Outlay.*—The net outlay during the year was Rs. 16,51,258 under capital, exclusive of Rs. 43,789 under Automatic Telephone and Rs. 3,06,884 under Depreciation Fund Works. The total outlay on Electrical Works up to the end of the year under report has been Rs. 2,45,46,124, excluding the expenditure on the Krishnarajasagara Reservior Works. The most important of the capital works under construction, *viz.*, the VII Installation made good progress, the outlay being Rs. 36,82,713 of

which Rs. 6,09,148 was incurred during the year under review. The second of the 8,000 E. H. P. generating units was put into service during the year. The supply of power to Metur in accordance with the Agreement entered into with the Madras Government was commenced in February 1928 and service was given in November 1928. It is satisfactory to note that the work was completed at the proper time under difficult conditions as the transmission line runs through very rugged country in the Coimbatore District. Power service was given to the Hulikere Tunnel Works in February 1928 and the Tunnel Works have been able to make rapid progress by its use. Service was also given to several places on the Irwin Canal Scheme.

7. *Power Generated.*—The total quantity of power generated at Sivasamudram during the year was 160,097,420 units as against 161,894.410 units during the previous year. There were in service at the close of the year 7,283 street lights, 11,991 lighting installations and 694 power installations against 6,817 street lights, 10,937 lighting installations and 471 power installations in the previous year.

8. *Depreciation Fund.*—The amount credited to the Depreciation Fund Account was Rs. 4,22,208 against the budget provision of Rs. 3,87,600. The net amount which accumulated to the credit at the end of the year 1928-29 was Rs. 58,34,579.

9. *Contribution Works.*—Works aggregating Rs. 1,37,570 were executed by the Electrical Department for other Government Departments and public bodies. Out of the total amount of Rs. 1,37,570 referred to, as much as Rs. 1,00,000 was incurred in the Mysore Section of which a major portion related to the electrical equipment of the Lalita Mahal and the Palace Court Yard and Temples. The balance of Rs. 37,570 was incurred in Bangalore of which Rs. 20,172 was in connection with the installing of motors for irrigation pumps in the Bangalore Taluk.

10. *Rebate.*—The value of rebate allowed to the Mining Companies on account of relinquishment of power amounted to £32,361 against £26,859 during the previous year. The major portion of this amount is reported to have come under rebate owing to the breakdown of the plant of the Mining Companies and other causes over which the Department had no control. A Committee has been appointed to go into the question of rating and re-rating of motors and Government trust that the question of rebates will also be considered by the Committee as it seems to be related to the rating question.

11. *Stores.*—The value of foreign stores purchased during the year was Rs. 12,27,276 and that of local stores Rs. 4,97,682. The balance under stores has increased from Rs. 16,67,619 in the previous year to Rs. 17,39,699 in the year under report in spite of instructions issued from year to year for reduction of the stock to the lowest limit possible. The Committee of Departmental Officers constituted in the Government Order of September 1927 to suggest measures for maintaining the store balance at a minimum are reported to have held three sittings during the year and to have prepared the necessary statements of surplus and unserviceable materials. Their report is awaited.

12. *Interruptions.*—It is observed that there were 187 interruptions of service as against 108 during 1927-28 and 61 during 1926-27. This increase in the number of interruptions from year to year has given rise to frequent complaints from the general public. Government desire that all possible efforts should be made to reduce interruptions to a minimum.

13. *Inspection of Accounts and Sections.*—There were several inspections of Offices, works and stores both by the Chief Electrical Engineer as well as by his General and Financial Assistants. Particular attention was paid during these inspections to the examination of accounts and maintenance of stores. All minor defects and irregularities observed were remedied and suitable instructions issued to prevent their recurrence.

14. *Principal Activities.*—The policy of encouraging the extension of power supply to towns and villages for electric lighting and for pumping installations for agricultural purposes was vigorously pushed forward and lighting services were started during the year in the Towns of Channapatna, Closepet, Nanjangud and Seringapatam. The electrification of the two district headquarter towns of Kolar and Tumkur was also completed shortly after the close of the year and service was started in both the towns by His Highness the Maharaja. The electrification schemes of several other towns, namely, Mandya, Malvalli, Dodballapur, Chikballapur, Anekal, Nagenhalli,